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02882087 **HIV FUSED PROTEIN**

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Inventor: NOZAKI CHIKAHIDE

MATSUSHITA SHUZO

HATTORI TOSHIO

TAKATSUKI KIYOSHI

Applicant: CHEMO SERO THERAPEUT RES INST [420930] (A Japanese Company or Corporation), JP (Japan)

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ABSTRACT

PURPOSE: To obtain a gag-env fused protein having both gag antigen and env antigen, by fusing a gag antigen gene fraction containing a range to code p24 of HIV with an env antigen gene fraction containing a range to code gp41.

CONSTITUTION: A gag antigen gene fraction containing a range to code p24 of HIV is fused with an env antigen gene fraction containing a range to code gp41 to make the same reading frame. Then development by yeast is carried out to give a gag-env fused protein having both antigenicities of gag-p24 and env-gp41. The prepared gag-env fused protein of HIV has antigenicities of characteristic AIDS virus and env protein and is suitable as a reagent for measuring AIDS-related antibodies and useful for vaccine.

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HIV FUSED PROTEIN (English)

Patent Assignee: CHEMO SERO THERAPEUT RES INST

Author (Inventor): NOZAKI CHIKAHIDE; MATSUSHITA SHUZO; HATTORI TOSHIO;
TAKATSUKI KIYOSHI

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